

JAN. 30. 2007 11:09AM

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NO. 7835 P. 3

JAN 30 2007

IAP15 Rec'd PCT/PTO 3.0 JAN 2007

Approved for use through 03/31/2007. OMB 0861-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 14090-00004-US1
INTERNATIONAL APPLICATION NO. PCT/SG04/000353		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/577,462
INTERNATIONAL FILING DATE 26 October 2004		PRIORITY DATE CLAIMED 27 October 2003
TITLE OF INVENTION ACYLUREA CONNECTED AND SULFONYLUREA CONNECTED HYDROXAMATES		
APPLICANT(S) FOR DO/EO/US Ze-Yi Lim et al.		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☐ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - ☐ is attached hereto (required only if not communicated by the International Bureau).
 - ☐ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - ☐ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☐ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

JAN 30 2007

PTO-1390 (Rev. 07-2006)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/577,462		INTERNATIONAL APPLICATION NO. PCT/SG04/000353		ATTORNEY'S DOCKET NUMBER 14090-00004-US1	
20. <input checked="" type="checkbox"/> Other Items or Information: Formalities Letter					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200				\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500				\$	
TOTAL OF 21, 22 and 23 =				\$	0.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/ 50 =		x \$250.00	\$	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =	0	x 60.00		0.00
Independent claims	- 3 =	0	x 200.00		0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)					
TOTAL OF ABOVE CALCULATIONS =				\$	130.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$	130.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$	130.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$	130.00
				Amount to be refunded:	\$
				Amount to be charged	\$

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0851-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. _____ in the amount of \$ 130.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0185. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038**

NOTE: Where an appropriate time limit under 37 CFR 1.496 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Rudolf E. Hutz
CONNOLLY BOVE LODGE & HUTZ LLP
1990 M Street, N.W., Suite 800
Washington, DC 20038
(202) 331-7111

CUSTOMER NUMBER:

SIGNATURE

NAME

Mark J. Pino

REGISTRATION NUMBER

43,858

JAN 30 2007

PTO/SB/17 (07-06)

Approved for use through 01/31/2007. OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		Complete if Known	
FEE TRANSMITTAL For FY 2006		Application Number	10/577,462
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	April 27, 2006
TOTAL AMOUNT OF PAYMENT (\$)		First Named Inventor	Ze-Yi Lim
130.00		Examiner Name	Not Yet Assigned
		Art Unit	N/A
		Attorney Docket No.	14090-00004-US1

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify):	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: 22-0185
Deposit Account Name: Connolly Bove Lodge & Hutz LLP	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
2. EXCESS CLAIM FEES							
Fee Description							Small Entity Fee (\$)
Each claim over 20 (including Reissues)							50
Each independent claim over 3 (including Reissues)							200
Multiple dependent claims							360
Total Claims							
Extra Claims							
Fee (\$)							
Fee Paid (\$)							
HP = highest number of total claims paid for, if greater than 20.							
Indep. Claims							
Extra Claims							
Fee (\$)							
Fee Paid (\$)							
HP = highest number of independent claims paid for, if greater than 3.							
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fees Paid (\$)			
- 100 =	/50	(round up to a whole number) *					
4. OTHER FEE(S)							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1617 Search fee, examination fee or oath or ... 130.00							
SUBMITTED BY							
Signature	Mark J. Pino		Registration No. (Attorney/Agent)	43,858	Telephone	(202) 331-7111	
Name (Print/Type)	Mark J. Pino		Date	January 30, 2007			

02/01/2007 ATRAN1 00000131 220185 10577462

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JAN 30 2007

FAX TRANSMISSION**DATE:** January 30, 2007**PTO IDENTIFIER:** Application Number 10/577,462, Conf. #5036
Patent Number**Inventor:** Ze-Yi Lim et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8300**FROM:** CONNOLLY BOVE LODGE & HUTZ LLP
Mark J. Pino**PHONE:** (202) 331-7111**Attorney Dkt. #:** 14090-00004-US1**PAGES (Including Cover Sheet):** 44**CONTENTS:**

Transmittal Letter to the United States Designated-Elected Office (3 pages)
Fee Transmittal (1 page)
Formalities Letter (2 pages)
Oath or declaration of the inventor(s) (5 pages)
Second Preliminary Amendment (31 pages)
Charge \$130.00 to deposit account 22-0185
Certificate of Transmission (1 page)

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CONNOLLY BOVE LODGE & HUTZ LLP
1990 M Street, N.W., Suite 800, Washington, DC 20036
Telephone: (202) 331-7111 Facsimile:

JAN 30 2007

PTO/SB/97 (09-04)

Approved for use through 07/31/2008. OMB 0851-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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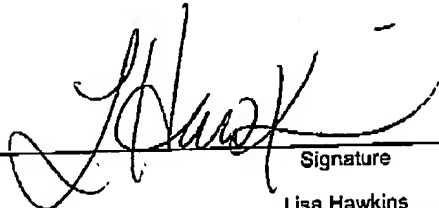
Application No. (if known): 10/577,462

Attorney Docket No.: 14090-00004-US1

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on January 30, 2007
Date



Signature

Lisa Hawkins

Typed or printed name of person signing Certificate

Registration Number, if applicable

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Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (3 pages)
Fee Transmittal (1 page)
Formalities Letter (2 pages)
Oath or declaration of the inventor(s) (5 pages)
Second Preliminary Amendment (31 pages)
Charge \$130 to deposit account 22-0185

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JAN 30 2007



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U.S. APPLICATION NUMBER NO.		FIRST NAMED APPLICANT		ATTY. DOCKET NO.	
10/577,462		Ze-Yi Lim		14090-00004-US1	
INTERNATIONAL APPLICATION NO.					
PCT/SG04/00353					
I.A. FILING DATE			PRIORITY DATE		
10/26/2004			10/27/2003		

30678
CONNOLLY BOVE LODGE & HUTZ LLP
P.O. BOX 2207
WILMINGTON, DE 19899-2207

CONFIRMATION NO. 5036

371 FORMALITIES LETTER

0000000021429458

Date Mailed: 11/30/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/27/2006
- Copy of the International Search Report filed on 04/27/2006
- Copy of IPE Report filed on 04/27/2006
- Copy of Annexes to the IPER filed on 04/27/2006
- Preliminary Amendments filed on 04/27/2006
- Information Disclosure Statements filed on 07/27/2006
- Priority Documents filed on 04/27/2006
- Specification filed on 04/27/2006
- Claims filed on 04/27/2006
- Abstracts filed on 04/27/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

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NO. 7835 Pa.P. 8 of 2

JAN 30 2007

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

Additionally the following defects have been observed:

- Preliminary Amendments have not been entered because amendment cancels claims 1-63, adds claims 64-131. Original claims are 1-79.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/577,462	PCT/SG04/00353	14090-00004-US1

FORM PCT/DO/EO/905 (371 Formalities Notice)